

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,989,598 B2  
APPLICATION NO. : 10/801823  
DATED : January 24, 2006  
INVENTOR(S) : June-o Song et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, please correct the Assignee's Information **from:**

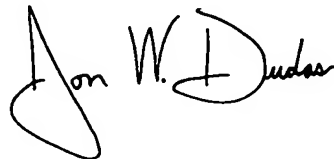
Item "(73) Assignee: Samsung Electronics Co., Ltd."

**to**

Item --(73) Assignees: Samsung Electronics Co., Ltd.  
Suwon-si, Gyeonggi-do (KR) and  
Kwangju Institute of Science and Technology  
Buk-gu, Gwangju-shi (KR)--

Signed and Sealed this

Eighth Day of July, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*